Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019871.D
Acq On : 3 Dec 2015 15:22
Operator : UM/NP
Sample : G4583-22MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:14:23 PM

Quant Time: Dec 03 16:31:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	24236	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	103361	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	77594	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	206029	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	240952	20.00	ng		-0.01
86) Perylene-d12	25.08	264	226333	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	195967	146.14	ng		0.00
7) Phenol-d6	7.27	99	283252	139.90	ng		0.00
23) Nitrobenzene-d5	9.29	82	214793	106.06	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	189352	159.49	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	546830	96.22	ng		0.00
78) Terphenyl-d14	20.11	244	998261	101.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	19792	37.89	ng	#	100
3) Pyridine	3.95	79	52325	32.98	ng	#	88
4) n-Nitrosodimethylamine	3.85	42	35878	43.00	ng		81
6) Aniline	7.44	93	87386	33.33	ng	#	86
8) 2-Chlorophenol	7.68	128	81655	49.94	ng		95
9) Benzaldehyde	7.26	77	27472	20.35	ng		93
10) Phenol	7.30	94	102162	47.94	ng		74
11) bis(2-Chloroethyl)ether	7.54	93	74617	47.28	ng		89
12) 1,3-Dichlorobenzene	8.01	146	79002	42.63	ng	#	90
13) 1,4-Dichlorobenzene	8.16	146	81426	42.54	ng		94
14) 1,2-Dichlorobenzene	8.48	146	80579	44.13	ng		96
15) Benzyl Alcohol	8.36	79	93197	52.46	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.66	45	114109	44.33	ng		94
17) 2-Methylphenol	8.56	107	75971	50.50	ng	#	88
18) Hexachloroethane	9.22	117	30673	42.79	ng		96
19) n-Nitroso-di-n-propylamine	8.94	70	74850	46.88	ng		90
20) 3+4-Methylphenols	8.89	107	108153	51.06	ng		92
22) Acetophenone	8.95	105	132612	46.81	ng	#	92
24) Nitrobenzene	9.34	77	110772	50.42	ng		91
25) Isophorone	9.86	82	210948	48.58	ng	#	96
26) 2-Nitrophenol	10.05	139	45665	53.82	ng	#	70
27) 2,4-Dimethylphenol	10.11	122	91665	51.88	ng		88
28) bis(2-Chloroethoxy)methane	10.35	93	114681	54.05	ng		98
29) 2,4-Dichlorophenol	10.59	162	102288	56.67	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	97840	47.96	ng		92
31) Naphthalene	11.01	128	2341866	422.94	ng	#	89
32) Benzoic acid	10.22	122	48181	41.41	ng	#	83
33) 4-Chloroaniline	11.10	127	22442	9.20	ng		95
34) Hexachlorobutadiene	11.28	225	65266	43.37	ng		96
35) Caprolactam	11.88	113	30627m	45.58	ng		
36) 4-Chloro-3-methylphenol	12.20	107	117785	52.40	ng		97
37) 2-Methylnaphthalene	12.60	142	295187	72.74	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	137643	46.75	ng		99
40) Hexachlorocyclopentadiene	12.94	237	142815	85.06	ng		98

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Quant Time: Dec 03 16:31:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	97603	50.07	ng		97
43) 2,4,5-Trichlorophenol	13.26	196	110840	53.79	ng		94
45) 1,1'-Biphenyl	13.60	154	311797	48.96	ng		97
46) 2-Chloronaphthalene	13.64	162	239370	48.77	ng		95
47) 2-Nitroaniline	13.83	65	90509	58.38	ng		85
48) Acenaphthylene	14.48	152	446889	53.45	ng		98
49) Dimethylphthalate	14.21	163	339755	48.68	ng		98
50) 2,6-Dinitrotoluene	14.32	165	73417	55.95	ng	#	72
51) Acenaphthene	14.82	154	331696	65.38	ng		99
52) 3-Nitroaniline	14.65	138	48446	35.53	ng		95
53) 2,4-Dinitrophenol	14.85	184	64513	90.95	ng	#	81
54) Dibenzofuran	15.15	168	415285	55.03	ng		92
55) 4-Nitrophenol	14.95	139	119117	100.32	ng	#	61
56) 2,4-Dinitrotoluene	15.11	165	108567	59.30	ng	#	90
57) Fluorene	15.80	166	357746	52.96	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	110352	57.87	ng		98
59) Diethylphthalate	15.57	149	365321	48.36	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	190861	49.21	ng		96
61) 4-Nitroaniline	15.82	138	79316	51.73	ng	#	72
62) Azobenzene	16.09	77	343849	54.70	ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	58251	50.03	ng		91
65) n-Nitrosodiphenylamine	16.00	169	310636	52.10	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	127723	49.89	ng		96
67) Hexachlorobenzene	16.80	284	139601	52.35	ng		97
68) Atrazine	16.95	200	131287	50.68	ng		94
69) Pentachlorophenol	17.14	266	168259	108.10	ng		96
70) Phenanthrene	17.54	178	664847	57.04	ng		98
71) Anthracene	17.63	178	610045	51.38	ng		96
72) Carbazole	17.90	167	541457	51.77	ng		98
73) Di-n-butylphthalate	18.45	149	634120	49.46	ng		99
74) Fluoranthene	19.55	202	736154	49.37	ng		94
76) Benzidine	19.72	184	66119	8.35	ng		97
77) Pyrene	19.91	202	760390	53.64	ng		97
79) Butylbenzylphthalate	20.79	149	290682	52.32	ng		98
80) Benzo(a)anthracene	21.76	228	756459	51.29	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	172866	30.77	ng	#	98
82) Chrysene	21.83	228	695423	49.66	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	411514	50.47	ng		96
84) Di-n-octyl phthalate	22.92	149	700068	52.81	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	847118	54.91	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	742924	51.79	ng	#	95
88) Benzo(k)fluoranthene	24.10	252	709795	49.96	ng	#	96
89) Benzo(a)pyrene	24.93	252	716372	52.60	ng	#	95
90) Dibenzo(a,h)anthracene	28.93	278	699831	52.01	ng	#	93
91) Benzo(g,h,i)perylene	30.03	276	700521	53.02	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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